

Amendments to the Specification

Please replace FIGS. 8A-8C, submitted in the Amendment and Reply Under 37 C.F.R. §1.111 filed on December 14, 2004, and found in the drawings section of the specification, with replacement FIGS. 8A-8C, which are attached hereto after the heading "Replacement Sheets."

Please replace the paragraph inserted after paragraph 0037, found on pages 14-15 of the specification as filed, by the Amendment and Reply Under 37 C.F.R. §1.111 filed on December 14, 2004, with the following paragraph:

--FIGS. 8A-8C. This figure depicts the DNA sequence (SEQ ID NO: 5), which encodes a wild type M-MLV reverse transcriptase having DNA polymerase activity and substantially no RNase H activity. Also shown is the corresponding amino acid sequence (SEQ ID NO: 6). Position 0 of FIG. 8A is the codon ATG, which encodes a methionine residue. The methionine residue is the initiation codon for the recombinant DNA sequence. Thus, position 0 of this sequence does not represent an amino acid residue present in the M-MLV reverse transcriptase having DNA polymerase activity and substantially no RNase H activity.--